

# Carrier-Class Softswitch Platform

The softswitch platform is a core component of next-generation networks, handling equipment certification, traffic control, business implementation, and billing functions. This H.323 and SIP-based softswitch is designed for carrier-class applications.



## Overview

### Carrier-Grade Softswitch Platform

The SS3000-T is a high-performance, carrier-grade softswitch platform designed for next-generation networks. It serves as a core component for traffic control, business implementation, and billing, utilizing an open and standardized architecture based on H.323 and SIP protocols. With robust support for redundancy, load balancing, and distributed networking, this system ensures high reliability and scalability for large-scale industry operations.

## System Capacity

### Max Simultaneous Calls

**10000 calls**

Simultaneous Calls

### Max Registered Users

100000 users

## Connectivity & Protocols

### DTMF Support

- Pass through
- RFC2833
- SIP INFO

### VoIP Protocols

SIP, H.323

## Media & Codecs

### Speech Coding

G.711 • G.723 • G.729

### Video Coding

H.264 • H.263 • H.261

### Fax Support

T.30, T.38

## Features

### Key Capabilities

- Redundant backup systems
- Load balancing support
- Distributed networking
- NAT/Firewall pass-through
- Real-time network monitoring
- Fault automatic alarm